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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Yoshiko TAKAYAMA et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2005_0740A
Filed April 29, 2005 :

REMEDY FOR CORNEAL FAILURE
[Corresponding to PCT/JP2003/013503
Filed October 22, 2003]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☒ each reference previously cited in the international application PCT/JP2003/013503; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

ATTACHMENT C }

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Yoshiko TAKAYAMA et al.

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April 29, 2005

Sheet 1 of 5		INFORMATION DISCLOSURE STATEMENT							
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: April 29, 2005				ATTY DOCKET NO. 2005_0740A SERIAL NO. NEW 10/533115 APPLICANT Yoshiko TAKAYAMA et al. FILING DATE April 29, 2005				GROUP	
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA	2002/0091125	7/2002	Hay et al.					
	AB	2002/0091090	7/2002	Cole et al.					
	AC	6,387,932	5/2002	Zhou et al.					
	AD	6,127,343	10/2000	Ankersen et al.					
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	AE	2002-515912	5/2002	JP			corresponds to DC		
	AF	2-289599	11/1990	JP			corresponds to DD		
	AG	2000-502055	2/2000	JP			corresponds to DE		
	AH	2002-518339	6/2002	JP			corresponds to DF, CA, CB		
	AI	2000-226373	8/2000	JP			corresponds to BA		
	AJ	2000-191615	7/2000	JP			corresponds to DG		
	AK	11-209356	8/1999	JP			corresponds to DA		
	AL	10-174587	6/1998	JP			corresponds to DH		
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AM	D. M. Ferriero et al., "Somatostatin enhances nerve growth factor-induced neurite outgrowth in PC12 Cells", Developmental Brain Research, 1994, Vol. 80, Nos. 1 and 2, pp. 13-18.							
	AN	D. A. Bereiter et al., "Central trigeminal effects of somatostatin and etorphine on adrenal and autonomic function in the cat", American Journal of Physiology, March 1996, Vol. 270, No. 3, part, pp. R636-R644.							
	AO	M. Mori et al., "Differential expression of somatostatin receptors in the rat eye: SSTR4 is intensely expressed in the iris/ciliary body", Neuroscience Letters, Vol. 223, No. 3, 1997, pp. 185-188.							
EXAMINER					DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

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				APPLICANT Yoshiko TAKAYAMA et al.			
				FILING DATE April 29, 2005		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,329,389	12/2001	Suzuki et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BB	2001-518895	10/2001	JP			corresponds to DI
	BC	2001-519811	10/2001	JP			corresponds to DJ
	BD	2001-519812	10/2001	JP			corresponds to DK
	BE	2001-114761	4/2001	JP			corresponds to DL
	BF	2002-3498	1/2002	JP			corresponds to DB
	BG	02/10192	2/2002	WO			
	BH	99/64401	12/1999	WO			
	BI	01/85718	11/2001	WO			
	BJ	01/44191	6/2001	WO			
	BK	00/075186	12/2000	WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BL	K. P. Xu et al., "Decrease in Corneal Sensitivity and Change in Tear Function in Dry Eye", Cornea Vol. 15, No. 3, 1996, pp. 235-239.					
	BM						
	BN						
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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
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GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	6,051,554	4/2000	Hornik et al.			
	CB	6,355,613	3/2002	Hornik et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	CC	00/10589	3/2000	WO			
	CD	99/22735	5/1999	WO			
	CE	2001-502712	2/2001	JP			corresponds to EA, EB, EE
	CF	2001-525793	12/2001	JP			corresponds to EF
	CG	2002-518409	6/2000	JP			corresponds to EG
	CH	2001-527580	12/2001	JP			corresponds to EH
	CI	2002-80439	3/2002	JP			corresponds to EI
	CJ	2002-517500	6/2002	JP			corresponds to EJ
	CK	2002-348287	12/2002	JP			Abstract
	CL	2002-541260	12/2002	JP			corresponds to EK
	CM	00/12111	3/2000	WO			
	CN	02/064160	8/2002	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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	DA	6,352,982	3/2002	Mabuchi et al.			
	DB	2001/047030	11/2001	Hay et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	DC	98/58646	12/1998	WO				
	DD	0 389 180	9/1990	EP				
	DE	97/19954	6/1997	WO				
	DF	99/65508	12/1999	WO				
	DG	1 123 918	8/2001	EP				
	DH	0 911 393	4/1999	EP				
	DI	98/45285	10/1998	WO				
	DJ	98/44921	10/1998	WO				
	DK	98/44922	10/1998	WO				
	DL	1 086 947	3/2001	EP				
	DM							
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	6,020,349	2/2000	Ankersen et al.			
	EB	6,083,960	7/2000	Ankersen et al.			
	EC						
	ED						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	EE	98/18786	5/1998	WO			
	EF	97/43278	11/1997	WO			
	EG	99/65942	12/1999	WO			
	EH	98/54183	12/1998	WO			
	EI	1 295 867	3/2003	EP			
	EJ	99/64420	12/1999	WO			
	EK	00/61587	10/2000	WO			
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	EP						
	EQ						
	ER						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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